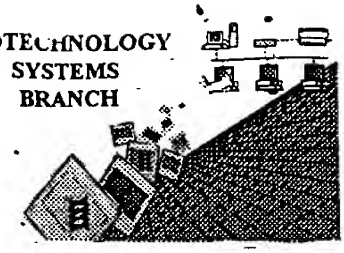
BIOTECHNOLOGY SYSTEMS BRANCH



1/6 X1

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 09/831,426B
Source: OIPE
Date Processed by STIC: 2/22/2002

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Revised 01/29/2002

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,426B

DATE: 02/22/2002
TIME: 15:16:38

Input Set : A:\9823seq.txt
Output Set: N:\CRF3\02222002\I831426B.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Hoechst Marion Roussel
5 Bordon-Pallier, F.
6 Rocher, C.
8 <120> TITLE OF INVENTION: Human htFIIIA gene and coded htFIIIA protein
10 <130> FILE REFERENCE: 146.1364
12 <140> CURRENT APPLICATION NUMBER: US 09/831,426B
13 <141> CURRENT FILING DATE: 2001-05-08
15 <160> NUMBER OF SEQ ID NOS: 10
17 <170> SOFTWARE: PatentIn Vers. 2.0

ERRORED SEQUENCES

19 <210> SEQ ID NO: 1
20 <211> LENGTH: 1273
21 <212> TYPE: DNA
22 <213> ORGANISM: Human
24 <220> FEATURE:
25 <221> NAME/KEY: CDS
26 <222> LOCATION: (176)..(1270)
E--> 28 <400> SEQUENCE: 0

number for numeric identifier <400> should match numeric identifier <210>.

The type of errors shown exist throughout the Sequence Listing. Please check subsequences for similar errors.

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31 gtgccggcgt cgcgcgaagg ttcagcaggg agccgtgggc cgggcgcgcc ggttcccggc
33 acgtgtctcg gcacgtggca gcgcgcctgg ccctgggctt ggaggcgccg gcgcc ctg
34 Met
35 1
37 gat ccg ccg gcc gtg gtc gcc gag tcg gtg tcg tcc ttg acc atc gcc 226
38 Asp Pro Pro Ala Val Val Ala Glu Ser Val Ser Ser Leu Thr Ile Ala
39 5 10 15
41 gac gcg ttc att gca gcc ggc gag agc tca gct ccg acc ccg ccg cgc 274
42 Asp Ala Phe Ile Ala Ala Gly Glu Ser Ser Ala Pro Thr Pro Pro Arg
43 20 25 30
45 ccc gcg ctt ccc agg agg ttc atc tgc tcc ttc cct gac tgc agc gcc 322
46 Pro Ala Leu Pro Arg Arg Phe Ile Cys Ser Phe Pro Asp Cys Ser Ala
47 35 40 45
49 aat tac agc aaa gcc tgg aag ctt gac gcg cac ctg tgc aag cac acg 370
50 Asn Tyr Ser Lys Ala Trp Lys Leu Asp Ala His Leu Cys Lys His Thr
51 50 55 60 65
53 ggg gag aga cca ttt gtt tgt gac tat gaa ggg tgt ggc aag gcc ttc 418
54 Gly Glu Arg Pro Phe Val Cys Asp Tyr Glu Gly Cys Gly Lys Ala Phe
55 70 75 80
57 atc agg gac tac cat ctg agc cgc cac att ctg act cac aca gga gaa 466
58 Ile Arg Asp Tyr His Leu Ser Arg His Ile Leu Thr His Thr Gly Glu

RAW SEQUENCE LISTING DATE: 02/22/2002
PATENT APPLICATION: US/09/831,426B TIME: 15:16:38

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Output Set: N:\CRF3\02222002\I831426B.raw

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63         100                 105                 110
65 aaa tca aac ttg aag aaa cat ttt gaa cgc aaa cat gaa aat caa caa   562
66 Lys Ser Asn Leu Lys Lys His Phe Glu Arg Lys His Glu Asn Gln Gln
67     115                 120                 125
69 aaa caa tat ata tgc agt ttt gaa gac tgt aag aag acc ttt aag aaa   610
70 Lys Gln Tyr Ile Cys Ser Phe Glu Asp Cys Lys Lys Thr Phe Lys Lys
71 130                 135                 140                 145
73 cat cag cag ctg aaa atc cat cag tgc cag cat acc aat gaa cct cta   658
74 His Gln Gln Leu Lys Ile His Gln Cys Gln His Thr Asn Glu Pro Leu
75                 150                 155                 160
77 ttc aag tgt acc cag gaa gga tgt ggg aaa cac ttt gca tca ccc agc   706
78 Phe Lys Cys Thr Gln Glu Gly Cys Gly Lys His Phe Ala Ser Pro Ser
79             165                 170                 175
81 aag ctg aaa cga cat gcc aag gcc cac gag ggc tat gta tgt caa aaa   754
82 Lys Leu Lys Arg His Ala Lys Ala His Glu Gly Tyr Val Cys Gln Lys
83         180                 185                 190
85 gga tgt tcc ttt gtg gca aaa aca tgg acg gaa ctt ctg aaa cat gtg   802
86 Gly Cys Ser Phe Val Ala Lys Thr Trp Thr Glu Leu Leu Lys His Val
87     195                 200                 205
89 aga gaa acc cat aaa gag gaa ata cta tgt gaa gta tgc cgg aaa aca   850
90 Arg Glu Thr His Lys Glu Glu Ile Leu Cys Glu Val Cys Arg Lys Thr
91 210                 215                 220                 225
93 ttt aaa cgc aaa gat tac ctt aag caa cac atg aaa act cat gcc cca   898
94 Phe Lys Arg Lys Asp Tyr Leu Lys Gln His Met Lys Thr His Ala Pro
95                 230                 235                 240
97 gaa agg gat gta tgt cgc tgt cca aga gaa ggc tgt gga aga acc tat   946
98 Glu Arg Asp Val Cys Arg Cys Pro Arg Glu Gly Cys Gly Arg Thr Tyr
99             245                 250                 255
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105 agc cgc cct ttt gtg tgt gaa cat gct ggc tgt ggc aaa aca ttt gca  1042
106 Ser Arg Pro Phe Val Cys Glu His Ala Gly Cys Gly Lys Thr Phe Ala
107     275                 280                 285
109 atg aaa caa agt ctc act agg cat gct gtt gta cat gat cct gac aag  1090
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111 290                 295                 300                 305
113 aag aaa atg aag ctc aaa gtc aaa aaa tct cgt gaa aaa cgg agt ttg  1138
114 Lys Lys Met Lys Leu Lys Val Lys Lys Ser Arg Glu Lys Arg Ser Leu
115                 310                 315                 320
117 gcc tct cat ctc agt gga tat atc cct ccc aaa agg aaa caa ggg caa  1186
118 Ala Ser His Leu Ser Gly Tyr Ile Pro Pro Lys Arg Lys Gln Gly Gln
119             325                 330                 335
121 ggc tta tct ttg tgt caa aac gga gag tca ccc aac tgt gtg gaa gac  1234
122 Gly Leu Ser Leu Cys Gln Asn Gly Glu Ser Pro Asn Cys Val Glu Asp
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RAW SEQUENCE LISTING DATE: 02/22/2002
PATENT APPLICATION: US/09/831,426B TIME: 15:16:38

Input Set : A:\9823seq.txt
Output Set: N:\CRF3\02222002\I831426B.raw

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132 <212> TYPE: PRT
133 <213> ORGANISM: Human
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140              20                  25                  30
142 Arg Pro Ala Leu Pro Arg Arg Phe Ile Cys Ser Phe Pro Asp Cys Ser
143          35                  40                  45
145 Ala Asn Tyr Ser Lys Ala Trp Lys Leu Asp Ala His Leu Cys Lys His
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148 Thr Gly Glu Arg Pro Phe Val Cys Asp Tyr Glu Gly Cys Gly Lys Ala
149  65                  70                  75                  80
151 Phe Ile Arg Asp Tyr His Leu Ser Arg His Ile Leu Thr His Thr Gly
152                  85                  90                  95
154 Glu Lys Pro Phe Val Cys Ala Ala Thr Gly Cys Asp Gln Lys Phe Asn
155             100                 105                 110
157 Thr Lys Ser Asn Leu Lys Lys His Phe Glu Arg Lys His Glu Asn Gln
158         115                 120                 125
160 Gln Lys Gln Tyr Ile Cys Ser Phe Glu Asp Cys Lys Lys Thr Phe Lys
161     130                 135                 140
163 Lys His Gln Gln Leu Lys Ile His Gln Cys Gln His Thr Asn Glu Pro
164 145                 150                 155                 160
166 Leu Phe Lys Cys Thr Gln Glu Gly Cys Gly Lys His Phe Ala Ser Pro
167                 165                 170                 175
169 Ser Lys Leu Lys Arg His Ala Lys Ala His Glu Gly Tyr Val Cys Gln
170             180                 185                 190
172 Lys Gly Cys Ser Phe Val Ala Lys Thr Trp Thr Glu Leu Leu Lys His
173         195                 200                 205
175 Val Arg Glu Thr His Lys Glu Glu Ile Leu Cys Glu Val Cys Arg Lys
176     210                 215                 220
178 Thr Phe Lys Arg Lys Asp Tyr Leu Lys Gln His Met Lys Thr His Ala
179 225                 230                 235                 240
181 Pro Glu Arg Asp Val Cys Arg Cys Pro Arg Glu Gly Cys Gly Arg Thr
182                 245                 250                 255
184 Tyr Thr Thr Val Phe Asn Leu Gln Ser His Ile Leu Ser Phe His Glu
185             260                 265                 270
187 Glu Ser Arg Pro Phe Val Cys Glu His Ala Gly Cys Gly Lys Thr Phe
188         275                 280                 285
190 Ala Met Lys Gln Ser Leu Thr Arg His Ala Val Val His Asp Pro Asp
191     290                 295                 300
193 Lys Lys Lys Met Lys Leu Lys Val Lys Lys Ser Arg Glu Lys Arg Ser
194 305                 310                 315                 320
196 Leu Ala Ser His Leu Ser Gly Tyr Ile Pro Pro Lys Arg Lys Gln Gly
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see page 1

RAW SEQUENCE LISTING DATE: 02/22/2002
PATENT APPLICATION: US/09/831,426B TIME: 15:16:38

Input Set : A:\9823seq.txt
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216 acgtgtctcg gcacgtggca gcgcgcctgg ccctgggctt ggaggcgccg gcgccctgga 180
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228 tgcagccact ggctgtgatc aaaaattcaa cacaaaatca aacttgaaga aacattttga 540
230 acgcaaacat gaaaatcaac aaaaacaata tatatgcagt tttgaagact gtaagaagac 600
232 ctttaagaaa catcagcagc tgaaaatcca tcagtgccag cataccaatg aacctctatt 660
234 caagtgtacc caggaaggat gtgggaaaca ctttgcatca cccagcaagc tgaaacgaca 720
236 tgccaaggcc cacgagggct atgtatgtca aaaaggatgt tcctttgtgg caaaaacatg 780
238 gacggaactt ctgaaacatg tgagagaaac ccataaagag gaaatactat gtgaagtatg 840
240 ccggaaaaca tttaaacgca aagattacct taagcaacac atgaaaactc atgccccaga 900
242 aagggatgta tgtcgctgtc caagagaagg ctgtggaaga acctatacta ctgtgtttaa 960
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269 agccggcgag agctcagctc cgaccccgcc gcgccccgcg cttcccagga ggttcatctg 240
271 ctccttccct gactgcagcg ccaattacag caaagcctgg aagcttgacg cgcacctgtg 300
273 caagcacacg ggggagagac catttgtttg tgactatgaa gggtgtggca aggccttcat 360
275 cagggactac catctgagcc gccacattct gactcacaca ggagaaaagc cgtttgtttg 420
277 tgcagccact ggctgtgatc aaaaattcaa cacaaaatca aacttgaaga aacattttga 480
279 acgcaaacat gaaaatcaac aaaaacaata tatatgcagt tttgaagact gtaagaagac 540
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RAW SEQUENCE LISTING DATE: 02/22/2002
PATENT APPLICATION: US/09/831,426B TIME: 15:16:39

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Output Set: N:\CRF3\02222002\I831426B.raw

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289 ccggaaaaca tttaaacgca aagattacct taagcaacac atgaaaactc atgccccaga 840
291 aagggatgta tgtcgctgtc caagagaagg ctgtggaaga acctatacta ctgtgtttaa 900
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VERIFICATION SUMMARY DATE: 02/22/2002
PATENT APPLICATION: US/09/831,426B TIME: 15:16:40

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